## **AMENDMENTS**

## To the Claims:

- 1. (currently amended) An active-matrix organic electroluminescent (OEL) display panel, comprising:
  - a substrate;
  - a transparent conductive layer on the substrate;
- a first passivation layer on the transparent conductive layer, having a plurality of openings therein exposing portions of the transparent conductive layer, wherein each opening defines a pixel region;
- a plurality of thin film transistors arranged as a matrix, wherein the thin film transistors are each comprising a gate electrode, a source and a drain and disposed on the first passivation layer corresponding to an opening;
- a plurality of organic function layers disposed on the transparent conductive layer in the openings; and
- a plurality of metal electrode layers disposed on the organic function layers and electrically connected to the corresponding thin film transistors drains.
- 2. (original) The active-matrix OEL display panel of claim 1, wherein each organic function layer comprises a hole injection layer, a hole transporting layer, an emitting layer and an electron transporting layer that are stacked sequentially.
- 3. (original) The active-matrix OEL display panel of claim 1, further comprising a second passivation layer disposed on each thin film transistor.

- 4. (original) The active-matrix OEL display panel of claim 1, wherein the transparent conductive layer includes indium tin oxide (ITO) or indium zinc oxide (IZO).
- 5. (original) The active-matrix OEL display panel of claim 1, wherein each metal electrode layer includes a LiF/Al composite layer.
- 6. (currently amended) An active-matrix organic electroluminescent (OEL) display panel, comprising:
  - a substrate;
- a metal layer on the substrate, having a plurality of opening therein exposing portions of the substrate;
- a first passivation layer on the metal layer, having a plurality of openings therein aligned with the openings in the metal layer;
- a plurality of thin film transistors arranged as a matrix, wherein the thin film transistors are each comprising a gate electrode, a source and a drain and disposed on the first passivation layer corresponding to an opening;
- a plurality of transparent conductive layers disposed on the substrate in the openings;
- a plurality of organic function layers disposed on the transparent conductive layers in the openings; and
- a plurality of metal electrode layers disposed on the organic function layers and electrically connected to the corresponding thin film transistors drains.

- 7. (original) The active-matrix OEL display panel of claim 6, wherein each organic function layer comprises a hole injection layer, a hole transporting layer, an emitting layer and an electron transporting layer.
- 8. (original) The active-matrix OEL display panel of claim 6, further comprising a second passivation layer on the thin film transistors.
- 9. (original) The active-matrix OEL display panel of claim 6, wherein the transparent conductive layer contains indium tin oxide (ITO) or indium zinc oxide (IZO).
- 10. (original) The active-matrix OEL display panel of claim 6, wherein the metal electrode layer includes a LiF/Al composite layer.
- 11. (new) An active-matrix organic electroluminescent (OEL) display panel, comprising:
  - a substrate;
  - a conductive layer disposed on the substrate;
- a first passivation layer disposed on a portion of the conductive layer, wherein the first passivation layer has a plurality of openings therein exposing portions of the conductive layer, and each opening defines a pixel region;
- a plurality of thin film transistors arranged as a matrix, wherein the thin film transistors are disposed on the first passivation layer;
- a plurality of organic function layers disposed on the conductive layer in the openings; and
- a plurality of electrode layers disposed on the organic function layers and electrically connected to the corresponding thin film transistors.

- 12. (new) The active-matrix OEL display panel of claim 11, wherein each organic function layer comprises a hole injection layer, a hole transporting layer, an emitting layer and an electron transporting layer that are stacked sequentially.
- 13. (new) The active-matrix OEL display panel of claim 11, further comprising a second passivation layer disposed on each thin film transistor.
- 14. (new) The active-matrix OEL display panel of claim 11, wherein the conductive layer includes indium tin oxide (ITO) or indium zinc oxide (IZO).
- 15. (new) The active-matrix OEL display panel of claim 11, wherein each electrode layer includes a LiF/Al composite layer.